

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A high-pressure gas-discharge lamp, having at least one gastight fused press-seal between a glasslike material and molybdenum, wherein the molybdenum in the fused press-seal is at least partly exposed to an oxidizing environment and at least that part of the molybdenum that is exposed to the oxidizing environment is covered with a coating, characterized in that the coating comprises at least one oxide from among Fe_2O_3 , Ta_2O_5 , Nb_2O_5 , Al_2O_3 , SiO_2 , TiO_2 , ZrO_2 , HfO_2 , ~~and/or one~~ and at least one of a nitride or a carbide wherein the nitride is selected from among TiN , ZrN , HfN , AlN , BN , ~~and/or one~~ and wherein the carbide is selected from among TiC , ZrC , HfC , VC , NbC , TaC , B_4C , and further characterized in that the coating is built up from at least two layers, wherein the layer of the coating that is applied directly to the molybdenum is composed of a nitride and/or carbide and the following layer is composed of an oxide or a plurality of oxides.
2. (original) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that the coating has a film thickness of from 5 nm to 20 μm .
3. (canceled)
4. (canceled)
5. (currently amended) A high-pressure gas-discharge lamp as claimed in ~~claim 4~~, claim 1, characterized in that the following layer is ~~preferably~~ composed of Al_2O_3 .
6. (currently amended) A high-pressure gas-discharge lamp as claimed in ~~claim 3~~, claim

1, characterized in that the layer that is applied directly to the molybdenum is preferably composed of AlN or Ta₂O₅.

7. (currently amended) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that the reduction in the size of the fused press-seal, ~~and particularly in the longitudinal extent of that part of the molybdenum that is not exposed to an oxidizing environment,~~ can be obtained as a function of the particular a material of which the coating is composed.

8. (previously presented) A high-pressure gas-discharge lamp as claimed in claim 1 for use for projection purposes.

9. (previously presented) A lighting device and/or projection device comprising at least one high-pressure gas-discharge lamp as claimed in claim 1.

10. (new) A high-pressure gas-discharge lamp as claimed in claim 7, characterized in that the reduction in the size of the longitudinal extent of that part of the molybdenum that is not exposed to an oxidizing environment can be obtained as a function of a material of which the coating is composed.